WHAT IS CLAIMED IS:

1. A communications router (R_2) for an Internet communications network, comprising a set of interfaces (I_{2a}, I_{2b}, I_{2c}) each connected to one or more other
5   communications routers (R_1, R_3, R_4, R_5) and comprising means for receiving an address prefix from a first other communications router (R_1) over a first interface (I_{2a}), which communications router is characterized in that it also comprises allocation means for allocating each of
10   said interfaces (I_{2b}, I_{2c}) a global address determined in particular from said address prefix.

2. A communications router according to claim 1, wherein said allocation means determine the global address of one
15   of said interfaces by concatenating with an interface identifier a network number containing said address prefix and forming an addressing sub-space of the addressing space formed by said address prefix.

20   3. A communications router according to claim 2, wherein said allocation means allocate said first interface the same network number as said first communications router allocates the interface connected to said first interface.
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4. A communications router according to claim 1, wherein said communications network is of the IPv6 type.

5. A communications router according to claim 2, wherein
30   said communications network is of the IPv6 type.

6. A communications router according to claim 3, wherein said communications network is of the IPv6 type.

35   7. A communications router according to claim 2, wherein only one network number is allocated for each connection.

8. A communications router according to claim 3, wherein only one network number is allocated for each connection.